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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,304	06/22/2001	Clayne B. Robison	42390P11655	6816

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EXAMINER

SHAH, SANJIV

ART UNIT	PAPER NUMBER
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2627

DATE MAILED: 01/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/887,304

Applicant(s)

ROBISON ET AL.

Examiner

Sanjiv D. Shah

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5,6,8-17 and 19-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5,6,8-17 and 19-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 9/22/05.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 25 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Claim 25 recites the limitation "the third form" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-3, 6, 8-17, 19-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kennedy et al. (US 6,651,217 B1 – filed 09/1999) in view of Markus et al. (US 6,490,601 B1 – filed 01/1999).

Regarding independent claims 1 and 15, Kennedy discloses:

A method and machine-readable medium, comprising:

receiving data into a first form of a first page (Kennedy on col. 6, lines 23-29 teaches the user visits web site 201 and enters his name, address, and telephone number into form 250; the values entered by the user is stored for future user);

copying the data from the first form to a second form of a second page when the first page is submitted (Kennedy on col. 6, lines 29-37 teaches the user visits different web site 202 and displays different form 260, the web browser matches one ore more of the field labels appearing on the form to previously stored values for automatic population of data values).

However, Kennedy does not explicitly disclose “copying the data to a hidden form from the second page” and “posting the data from the hidden form to a server when the second page is submitted”.

Markus teaches “copying data to a hidden form of the second page”, on col. 12, lines 25-34: the application instructs user to click auto fill, wherein the user provided profile data is copied to hidden form and once submitted, the form is posted to server.

Markus teaches “posting the data from the hidden form to a server when the second page is submitted”, on col. 12, lines 25-35, wherein user clicks “click here to continue” and a hidden form is posted to server.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Markus into Kennedy to provide a way to obtain data from the display frame to fill in data into the hidden frame and send the hidden frame data to the Database within the Server, as taught by Markus, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claims 2 and 16, Kennedy discloses:

copying the data to the hidden form is triggered by submitting the second page (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

Regarding dependent claims 3 and 17, Kennedy discloses:

copying the data to the hidden form is triggered by submitting the first page (Kennedy on col. 6, lines 30-37: teaches an automatic population of data values (copying) on a form can be triggered by the web browser 205).

Regarding dependent claim 6, Kennedy discloses:

all copying and posting is performed by a browser (Kennedy on col. 6, lines 16-18 teaches browser 205 processes forms for the client computer such as matching field labels with stored data values (also see col. 6, lines 30-32)).

Regarding dependent claim 8, Kennedy discloses:

the first and second pages are web pages (Kennedy on col. 5, lines 35-46 teaches website including plurality of web pages; web pages including multiple forms).

Regarding dependent claim 10, Kennedy discloses:

copying data from the second form is triggered by submitting the second web page (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

Regarding dependent claim 11, Kennedy discloses:

copying data from the second form is triggered by submitting the first web page (Kennedy on col. 6, lines 30-37: teaches an automatic population of data values (copying) on a form can be triggered by the web browser 205).

Regarding dependent claim 12, Kennedy discloses:

requesting a first web page includes creating a main window (Kennedy see Figure 2 shows website 201 includes first form 250).

Regarding dependent claim 13, Kennedy discloses:

requesting a second web page includes creating a secondary window (Kennedy see Figure 2 shows second website includes second form 260).

Regarding dependent claim 14, Kennedy discloses:

requesting a second web page includes updating the third form with previously saved data from the second form (Kennedy on col. 6, lines 30-32 teaches matching field labels on form to previously stored data values; col. 9, lines 4-13 teaches automatically populating fields with previously stored values).

Regarding independent claims 9 and 19, Kennedy discloses:

A method and system, comprising:

a client computer having a web browser (Kennedy see Figure 2 shows client computer 204 having a web browser 205);

a server computer coupled to the client computer through a network to provide to the client computer (Kennedy see Figure 2 shows Web Servers 201 and 202 connected to the client computer via network):

first web page having a displayable first form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 23-29 teaches displaying form 250 for the user to enter data values);

a second web page having a displayable third form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 29-37 teaches displaying form 260 to the user) and

a set of instructions to cause the client computer to copy data entered in the third form to at least one of the first and second forms (Kennedy on col. 6, lines 10-18 teaches forms 250 and 260 require overlapping information; after the user has entered data into the fields, web browser submits the form with the entered values to the web site from which the form was generated. Furthermore, Kennedy on col. 6, lines 37-58 teaches an "auto fill profile" form used to match field labels in form 250 to populate with data values)

and not post the data to the server when the second web page is submitted and to cause the client computer to post the copied data to the server computer when the first web page is submitted (Kennedy on col. 5, lines 49-53 and col. 6, lines 46-61 teaches after the form has been completed the user submits the completed form

causing the browser to extract data values from the form and transmit them to the server).

However, Kennedy does not explicitly disclose "first web page having a hidden form"

Markus teaches "copying data to a hidden form of the second page", on col. 12, lines 25-34: the application instructs user to click auto fill, wherein the user provided profile data is copied to hidden form and once submitted, the form is posted to server.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Markus into Kennedy to provide a way fill in data into the hidden frame and send the hidden frame data to the Database within the Server, as taught by Markus, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claim 20, Kennedy discloses

copy data entered in the third form to the second form when the second web page is submitted and to copy data in the second form to the first form when the first web page is submitted (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

Regarding dependent claim 21, Kennedy discloses:

copy data entered in the third form to both the first and second forms when the second web page is submitted (Kennedy on col. 6, lines 30-37: teaches an automatic

population of data values (copying) on a form can be triggered by the web browser 205).

Regarding independent claim 22, Kennedy discloses:

An apparatus, comprising:

a server computer coupled to a client computer through a network (Kennedy see Figure 2 shows Web Servers 201 and 202 connected to the client computer via network) to: respond to a first request by the client computer by providing a first script and a main page having a main form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 16-18 teaches web sites employs "scripts" executed by the browser; col. 6, lines 23-29 teaches displaying form 250 for the user to enter data values);

respond to a second request by the client computer by providing a second script and a secondary page having a secondary form (Kennedy on col. 6, lines 16-18 teaches web sites employs "scripts" executed by the browse; col. 6, lines 29-32 teaches the user visits different web site 202 and displays different form 260), the

second script to copy a content of the secondary form and not post the content of the secondary form to the server when the secondary page is submitted (Kennedy on col. 6, lines 10-18 teaches after the user has entered data into the fields, web browser submits the form with the entered values to the web site from which the form was generated; web sites can employ "script" executed by the browser).

However, Kennedy does not explicitly disclose “ a main page having a hidden form” and “the first script to copy a content of the hidden form into the main form before submitting the main form to the server”.

Markus teaches “copying data to a hidden form of the second page”, on col. 12, lines 25-34: the application instructs user to click auto fill, wherein the user provided profile data is copied to hidden form and once submitted, the form is posted to server.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Markus into Kennedy to provide a hidden frame to populate data into the display frame, as taught by Markus, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claim 23, Kennedy discloses:

the network is the Internet (Kennedy on col. 4, lines 57-61 teaches Internet).

Regarding dependent claim 24, Kennedy discloses:

the first request is a main web page and the second request is for a secondary web page (Kennedy on col. 6, line 23-24 teaches first request from the user is to visit web site 201 and on col. 6, lines 29-30 teaches second request from the user visiting web site 202).

Regarding claims 25-27, Marcus teaches providing first form (user profile) which is optional whereas second form is a must provide information. Also user data is copied directly form profile (first form) to second form to hidden form to be posted on server.

It would have been obvious for a person with ordinary skill in the art at the time the invention was made to incorporate Markus in Kennedy because it provides for database updating without refreshing.

7. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kennedy et al. (US 6,651,217 B1 – filed 09/1999) in view of Markus et al. (US 6,490,601 B1 – filed 01/1999) as applied to claim 1 above, and further in view of Hills et al (Patent # 6,239,797).

Regarding dependent claim 5, Kennedy discloses:

the first and hidden forms are associated with a main window; and the first form is associated with a secondary window requested by an operation on the second page (Kennedy see Figure 2 shows website 201 includes 1st form 250 and second website includes second form 260). Furthermore, Hill teaches a main window including second and third frame in Figure 2.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hills into Kennedy and Markus to provide a way to obtain data from the display frame to fill in data into the hidden update frame and send the update frame data to the Database within the Server, as taught by Hills, incorporated into the system of Kennedy and Markus, in order avoid refreshing the entire display frame.

Response to Arguments

8. Applicant's arguments filed 9/22/2005 have been fully considered but they are moot in view of new ground of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanjiv D. Shah whose telephone number is 571-272-4104. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh M. Mehta, can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

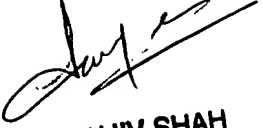
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S. Shah

November 29, 2005



SANJIV SHAH
PRIMARY EXAMINER